

METHOD AND APPARATUS FOR MULTI-USER MULTI-INPUT MULTI-OUTPUT TRANSMISSION

Abstract of the Disclosure

Embodiments of the present invention relate to methods and systems of transmitting data signals from at least one transmitting terminal with a spatial diversity capability to at least two receiving user terminals, each provided with spatial diversity receiving device. The methods and systems are useful, for example, in communication between terminals, e.g., wireless communication. In certain embodiments, transmission can be between a base station and two or more user terminals, wherein the base station and user terminals are each equipped with more than one antenna.

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